

Title (en)  
METHOD AND APPARATUS FOR TESTING THE QUALITY OF A SEAL

Publication  
**EP 0390330 A3 19920102 (EN)**

Application  
**EP 90302012 A 19900226**

Priority  
US 33159889 A 19890330

Abstract (en)  
[origin: EP0390330A2] Apparatus (100) for testing the quality of a seal on a package overwrap comprises a heater tip (114) for burning a hole in the overwrap without breaching the integrity of the package, means for applying suction to the overwrap; means for introducing air through the hole between the overwrap and the package; and means for determining whether the rate of air leakage from the overwrap is within acceptable limits by measuring the back pressure in chamber through which air is introduced.

IPC 1-7  
**G01M 3/32**

IPC 8 full level  
**G01M 3/32** (2006.01)

CPC (source: EP US)  
**G01M 3/3272** (2013.01 - EP US)

Citation (search report)  
• [XD] US 4539836 A 19850910 - HESTER BENNY L [US], et al  
• [Y] US 4205551 A 19800603 - CLIFFORD EARL W [US], et al

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IT LI NL SE

DOCDB simple family (publication)  
**US 4930344 A 19900605**; EP 0390330 A2 19901003; EP 0390330 A3 19920102

DOCDB simple family (application)  
**US 33159889 A 19890330**; EP 90302012 A 19900226